		Adventures in Aero	onautics
		2006 Scienc	
		de Level and Grade Spa	an Expectations
New Hampshire Sc	ience		
Grades 3-4			
Activity/Lesson	State	Standards	
Adventures in		SCI.3-	Use measures of weight (data) to demonstrate
Aeronautics	NH	4.S:PS1:4:1.2	that the whole equals the sum of its parts.
			Collect and organize data about physical
			properties in order to classify objects or draw
A di contrura a in		001.2	conclusions about objects and their
Adventures in	NII I	SCI.3-	characteristic properties (e.g., temperature,
Aeronautics	NH	4.S:PS1:4:2.5	color, size, shape, weight, texture, flexibility).
			Use data to predict how a change in force
Adventures in		SCI.3-	(greater/less) might affect the position, direction
Adventures in	NH	4.S:PS3:4:2.1	of motion, or speed of an object (e.g., ramps and balls).
Aeronaulics	INIT	4.3.533.4.2.1	Describe how people have designed and used
			tools throughout history; and provide examples
Adventures in		SCI.3-	of how many of these tools, while improved, are
Aeronautics	NH	4.S:SPS3:4:3.2	still in use today.
Acionaulics	INII	4.0.01 00.4.3.2	Provide examples illustrating that throughout
			history, people of all ages and from all walks of
Adventures in		SCI.3-	life have made significant contributions to the
Aeronautics	NH	4.S:SPS3:4:3.3	fields of science and technology.
7 toronautioo		1.0.01 00.1.0.0	notes of colonics and toormology.
		Adventures in Aero	onautics
		2006 Scienc	e
	Gra	de Level and Grade Spa	an Expectations
New Hampshire Sc	ience		
Grades 5-6			
Activity/Lesson	State	Standards	
			Explain the historical perspective of planetary
			exploration and man's achievements in space,
Adventures in		SCI.5-	beginning with Russia's Sputnik mission in
Aeronautics	NH	6.S:ESS2:6:4.1	1957.
			Describe man's perception of the constellations
A di carati ma a lia		001.5	throughout history, and explain how he has used
Adventures in	N. 1. 1	SCI.5-	them to his advantage, including navigational
Adventures in	NH	6.S:ESS2:6:4.2	purposes and to explain historical events.
Adventures in Aeronautics	NH	SCI.5-	Differentiate between weight and mass
ACIONAULICS	INFI	6.S:PS1:6:2.3	Differentiate between weight and mass. Explain that when a force is applied to an object
			it reacts in one of three ways: the object either
Adventures in		SCI.5-	speeds up, slows down, or goes in a different
Aeronautics	NH	6.S:PS3:6:1.2	direction.
ACIOHAULICS	INII	0.0.500.0.1.2	Describe the relationship between the strength
			of a force on an object and the resulting effect,
Adventures in		SCI.5-	such as the greater the force, the greater the
Aeronautics	NH	6.S:PS3:6:1.3	change in motion.
, 131311441103	[141]	0.0.1 00.0.1.0	onango in motioni

Adventures in		SCI.5-	Explain the how balanced and unbalanced
Aeronautics	NH	6.S:PS3:6:2.1	forces are related to an object's motion.